

ABSTRACT

A valve guide structure is provided which can suppress deterioration of a valve guide even if radial stress is applied on an upper portion of a stem of a valve.

The valve guide structure is such that the stem 2 of the valve 1 is supported by an inner peripheral surface of the valve guide 16 to restrict moving directions of the valve 1. A recess 18 is formed on an inner peripheral surface of the valve guide 16 and extends downwardly from an upper end of the valve guide 16 along the stem 2 of the valve 1 so as to provide a clearance between the valve guide 16 and the stem 2 of the valve 1.